(MIRA 16:5)

KUZIN, A.A. M.V. Lomonosov's work in behalf of the Board of Mines. Vop. ist. est. i tekh. no.13:114-117 62. Vop. ist. est. i tekh. no.13: 114-117 62.

(Lomonosov, Mikhail Vasil'evich, 1711-1865)

TROSHIN, Anatoliy Konstantinovich; KUZIN, A.A., otv. red.;
SKACHKOV, S.A., red. izd-va; RYLINA, Yu.V., tekhn. red.

[Ivan Evstaf'evich Vlasov, a Russian voivode and mineralogist of the 17th century] Ivan Evstaf'evich Vlasov - voevoda - rudoznatets XVII v. Moskva, Izd-vo AN SSSR, 1963.

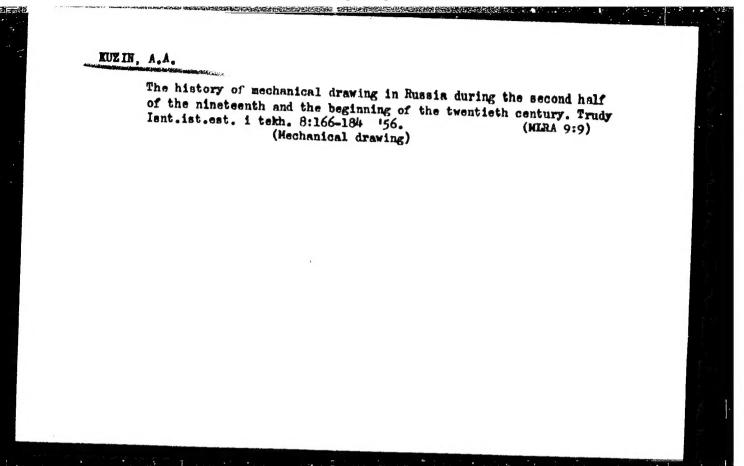
45 p. (MIRA 16:11)

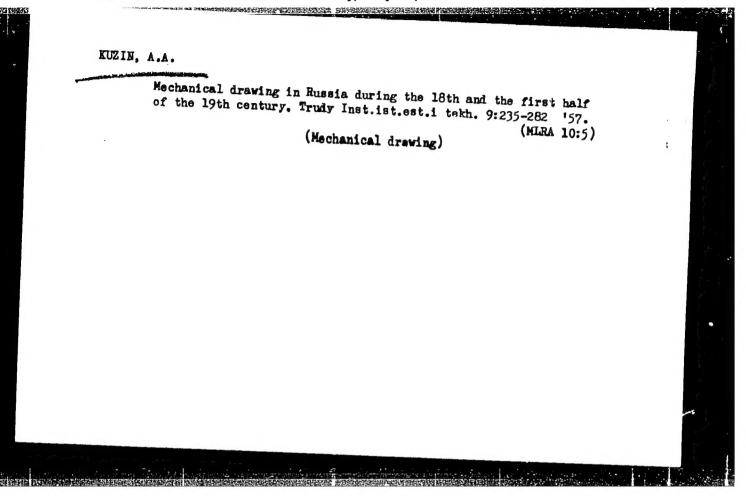
(Mineralogists) (Vlasov, Ivan Evstaf'evich, 1628-1710)

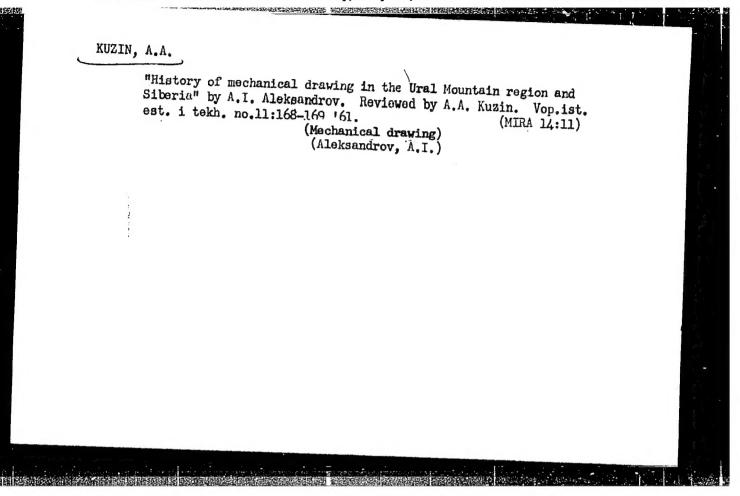
KUZIN Alakeandr Avrasmovich; KUZ'MENKO, V.I., redaktor; RODIONOVA, Z.A., redaktor; SMIRHOV, G.I., tekhnicheskiy redaktor

[Brief history of the development of drawing in Russia; manual for teachers] Krakti ocherk istorii razvitiia chertezha v Rossii; posobie dlia mchitelei. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1956. 107 p. (MLRA 10:4)

(Drawing--Ristory)







KUZIN, A. I., Engr

USSR/Metals - Welding

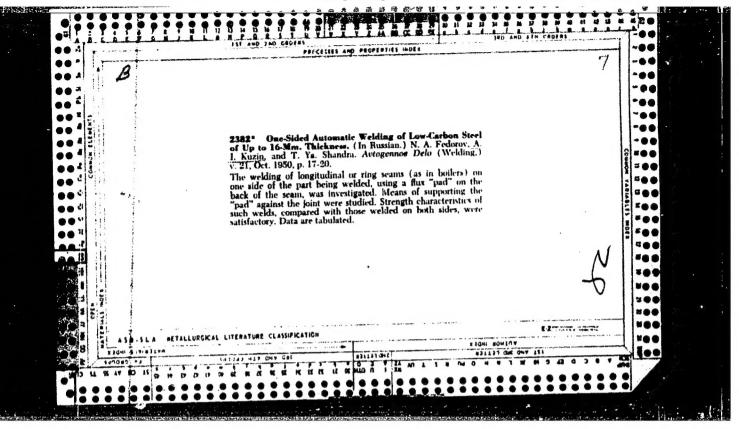
Oct 50

"One-Sided Automatic Welding of Low-Carbon Steel Up to 16 Millimeters Thick," Engineers

"Avtogen Delo" No 10, pp 17-20

Suggests one-sided welding under flux as most economical method, not requiring preliminary preparation of edges. Describes development of method for welding 900-1,032 mm diameter boilers made of steel 13-16 mm thick and construction of fluxsupplying devices for straight and circular joints. Mechanical characteristics are no lower than those of joints welded from both sides.

PA 167T85



USSR/Engineering - Welding, Materials Mar 52

"Electrode Coating BKZ," A. I. Kuzin, Engr

"Avtogen Delo" No 3, p 24

Describes coating which improves slag separability and decreases porosity of weld metal, giving compn: 30% hematite, 29% feldspar, 27.2% low-carbon ferromanganese, 9.2% manganese ore, 4.6% starch and water glass in 30/35 ratio, dry wt. Discusses possibility of using blast-furnace ferromanganese instead of that made in elec furnace.

83 85T KUZIN, A. I. USSR/Engineering - Welding, Boilers "Welding in the Fabrication of Low-Power Steam Apr 52 Boilers at Biysk Boiler Plant," A.I. Kuzin, Engr "Avtogen Delo" No 4, pp 21-25 Describes methods of rapid manual welding, automatic welding under flux and semiautomatic hose welding, and also special stands for holding and turning various parts of boiler during welding operations. Briefly discusses X-ray control of welded seams. Vol of automatic welding executed at plant in 1951 amounts to 8024 if production of 1948 is taken as 100%. 212736

GAYEVOY, T.V.; KUZIN, A.I.; ASMIS, A.Ye.; FEDUKO, I.V.

Use of electric slag welding for the repair of loconotive plate frames. Avten. Star. 14 no.11:42-46 K '61.

1. Peltavskiy pareverorementny: saved (for Gayevoy, Kuzin).
2. Ordona Trudovogo Krasnogo Znameni institut elektrosverki imeni Ye.'. Fatena AN USSR.

(Locemotives-Maintenanco and repair)

(Electric welding)

KUZIN, A.I., starshiy prepodavatel

[Testing structures and structural elements] Ispytanie stroitel'nykh sooruzhenii i konstruktsii; uchebnometodicheskoe posobie dlia studentov zaochnogo fakul'teta. Gor'kii, 1962. 120 p. (MIRA 16:4)

l. Gorki. Inzhenerno-stroitel'nyy institut.
(Building research)

KUZIN, A.I.

Spot welding of ties for the fastening of lumber. Avtom. svar. 16 no.9:83-85 S '63. (MIRA 16:10)

1. Poltavskiy parovozorsmontnyy zavod.

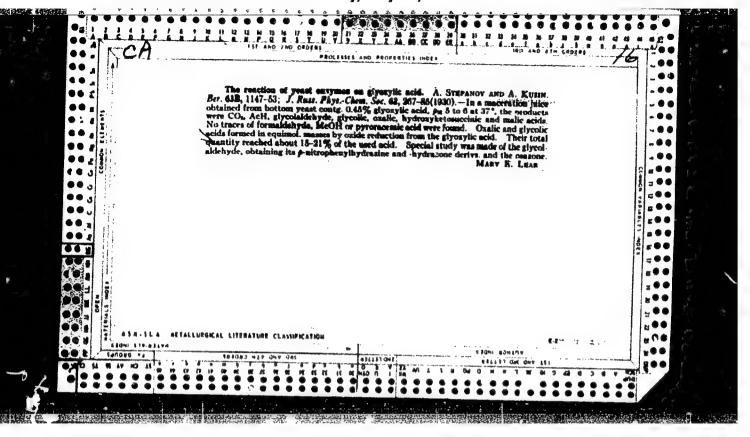
GAYEVOY, T.V.; KUZIN, A.I.; ASNIS, A.Ye.; GUTMAN, L.M.

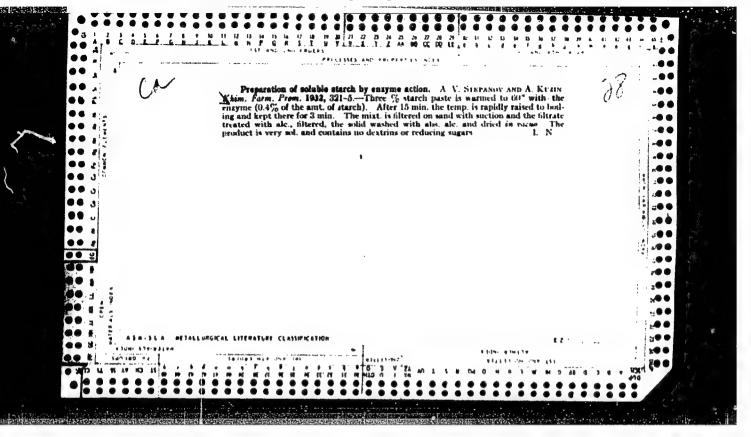
Welding up cracks in locomotive wheels by the electric slag method. Avtom. svar. 16 no.12:73-78 D '63.

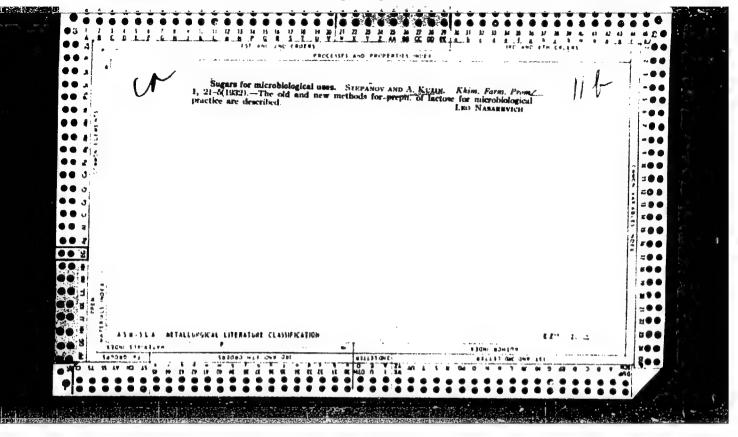
(MIRA 17:1)

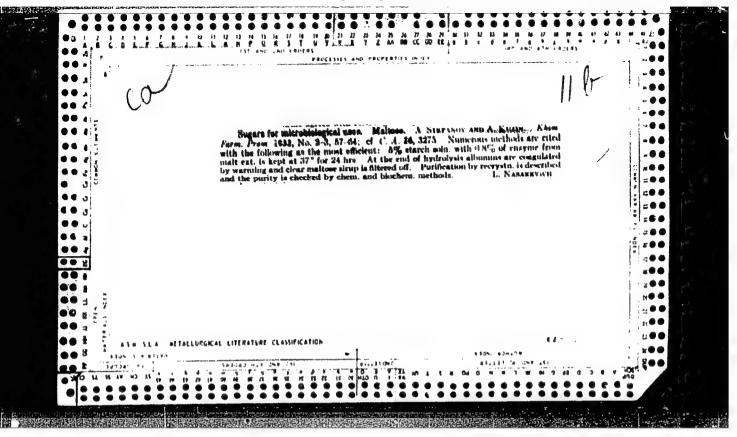
1. Poltavskiy parovozoremontnyy zavid (for Cayevoy, Kuzin).

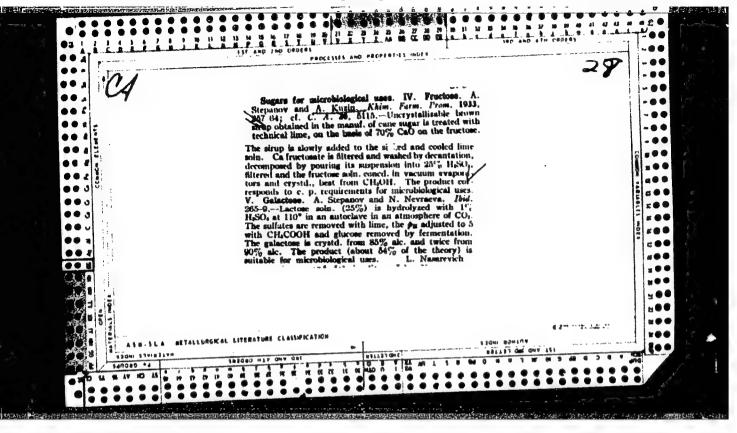
2. Institut elektrosvarki imeni Patona AN UkrSSR (for Asnis, Gutman).

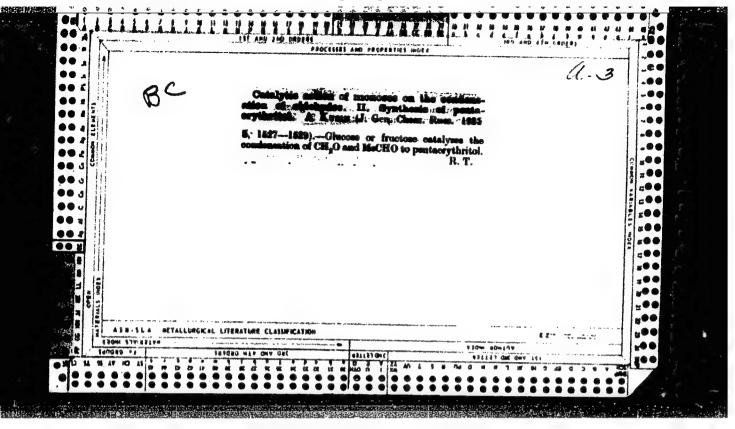


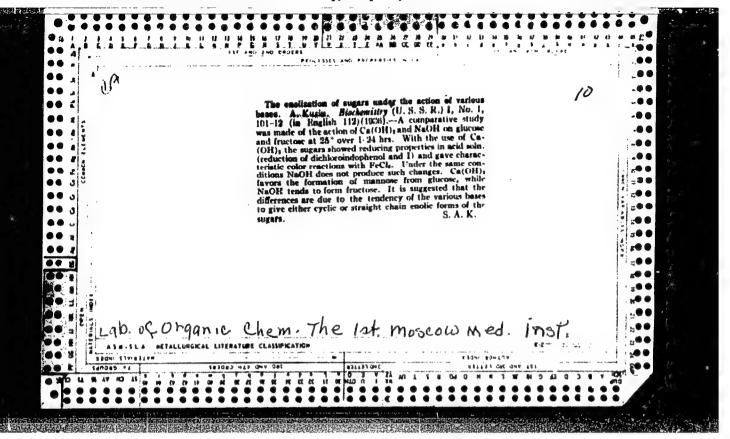






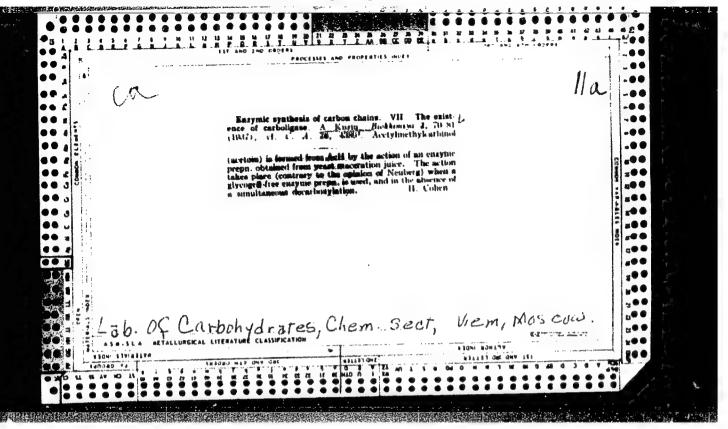


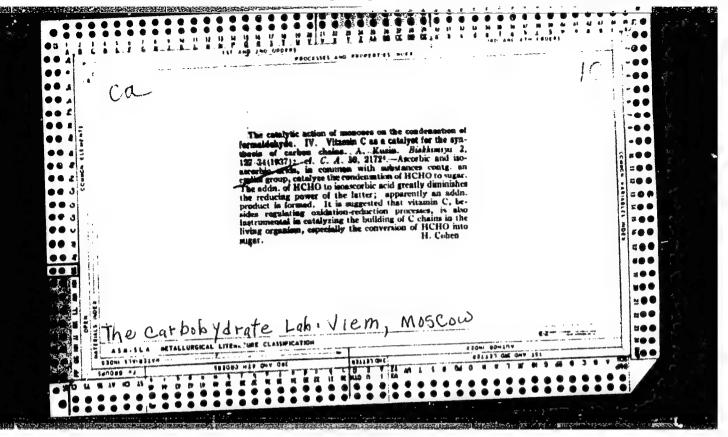


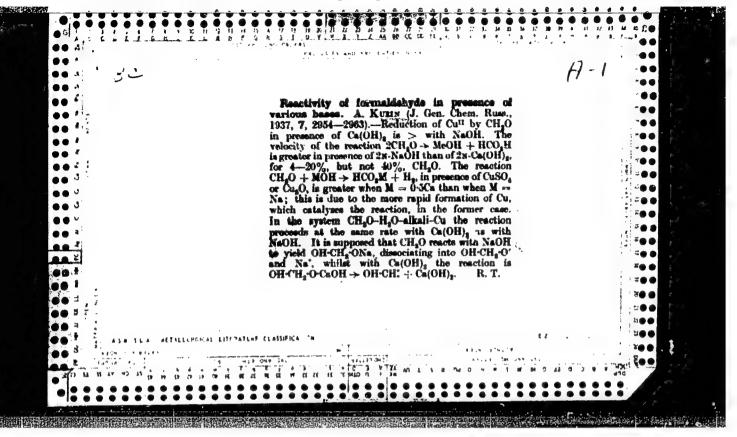


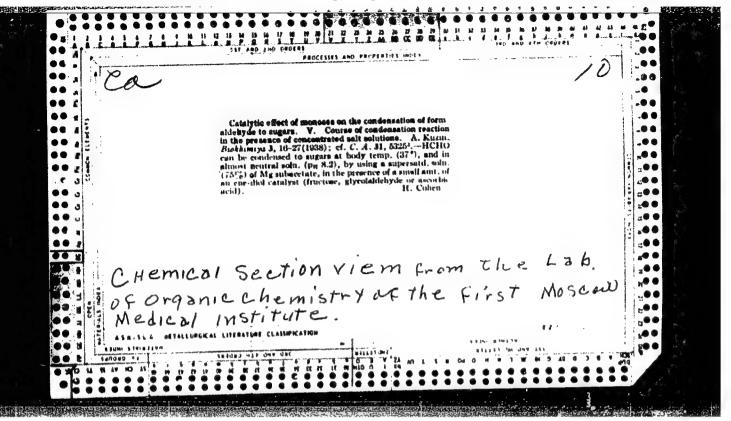
KUZIN, A.

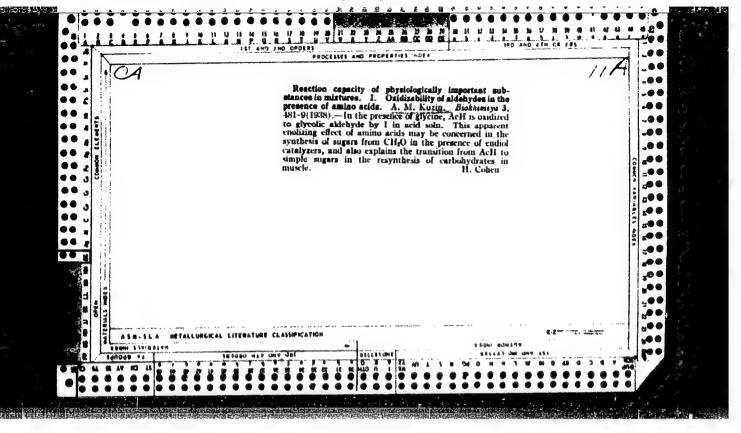
On the active form of simple sugars. II A comparative study of he oxidizability of 6- glucosephosphate and glucose, A. KUZIN and A. KOCHIN (CARBOHYDRATE LABORATORY, VIEM, MOSCOW) vol. 1, no.6, p.676, 1936.





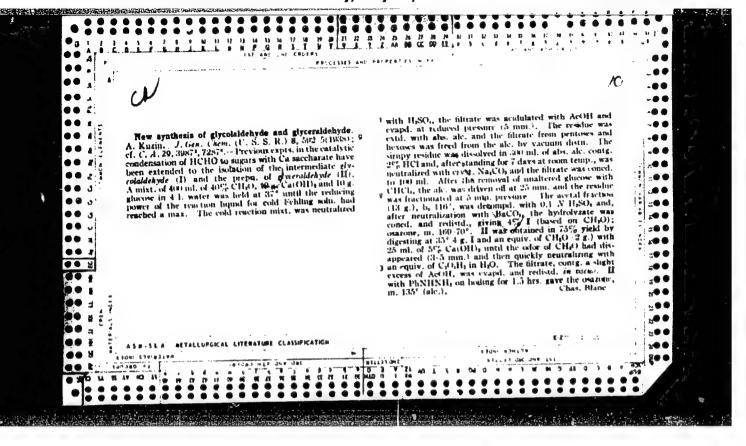


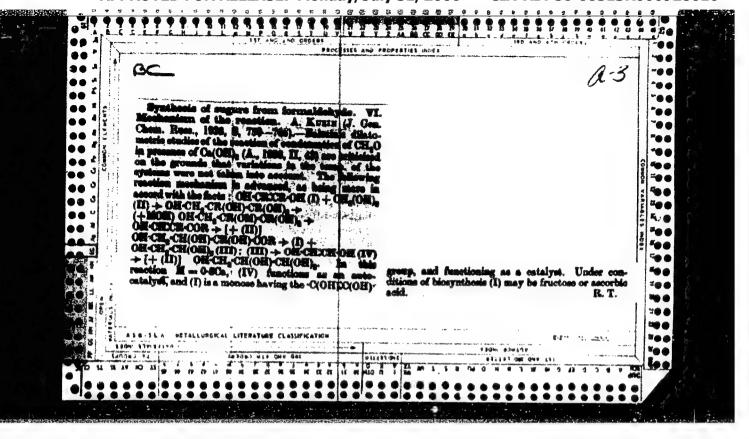


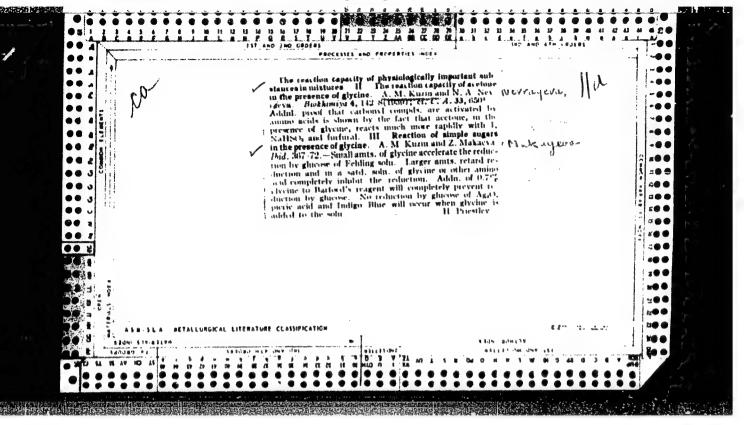


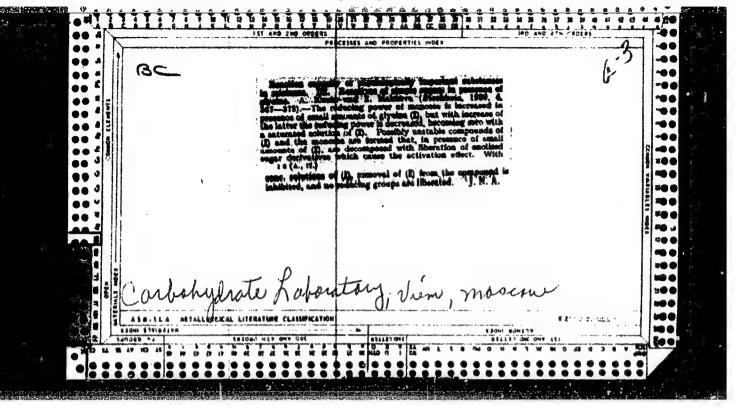
"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-

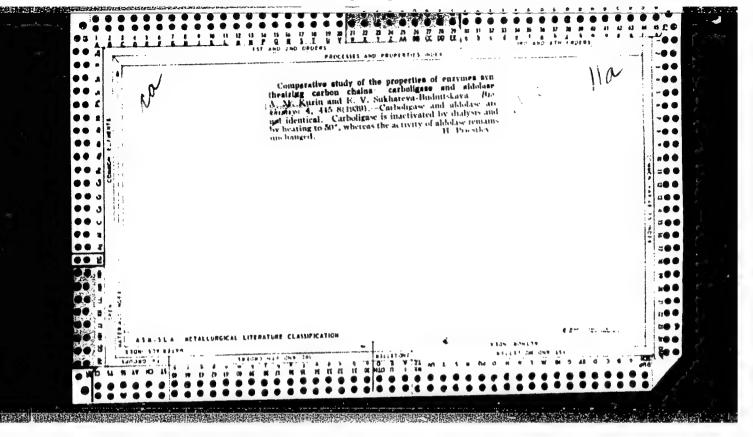
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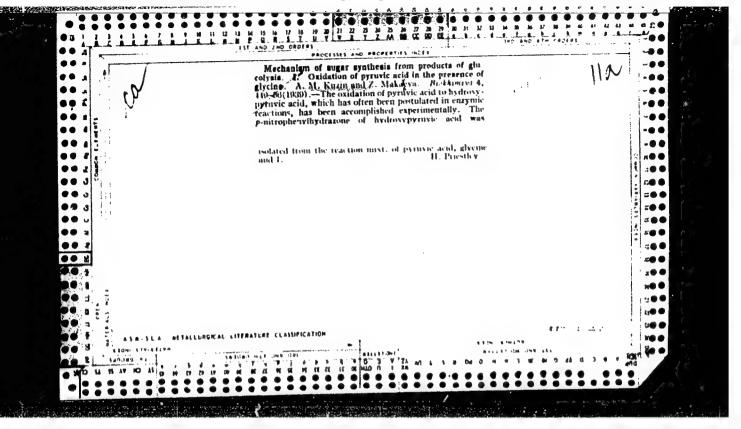


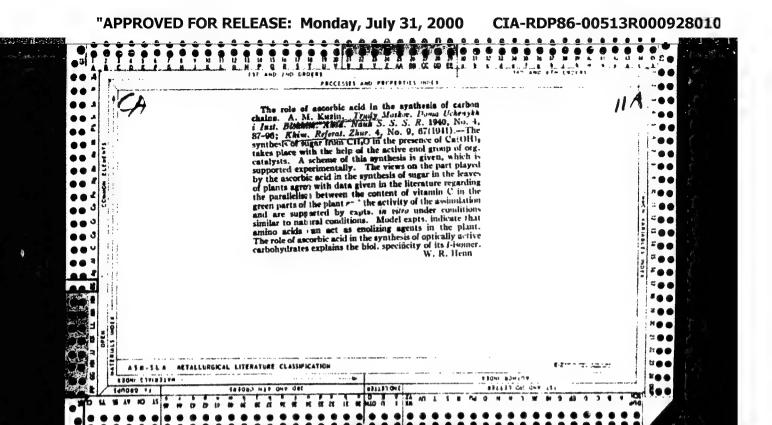


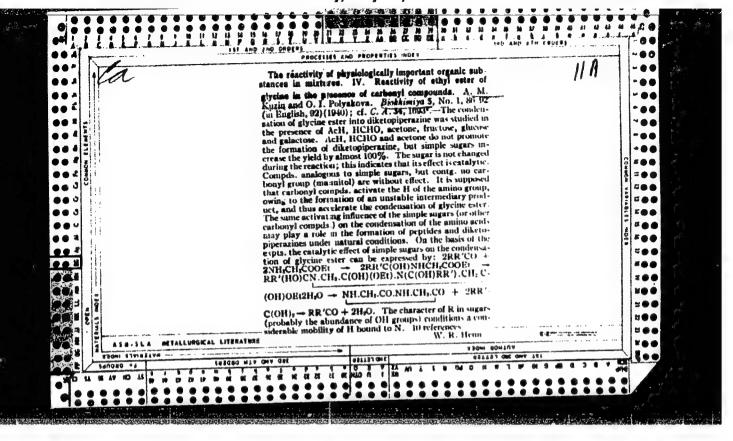


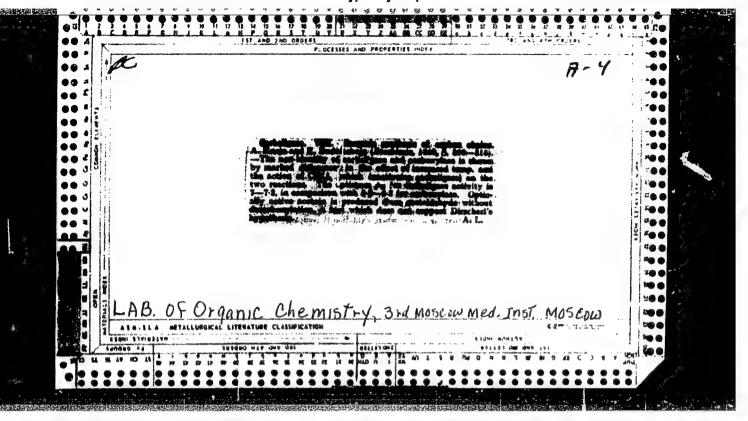


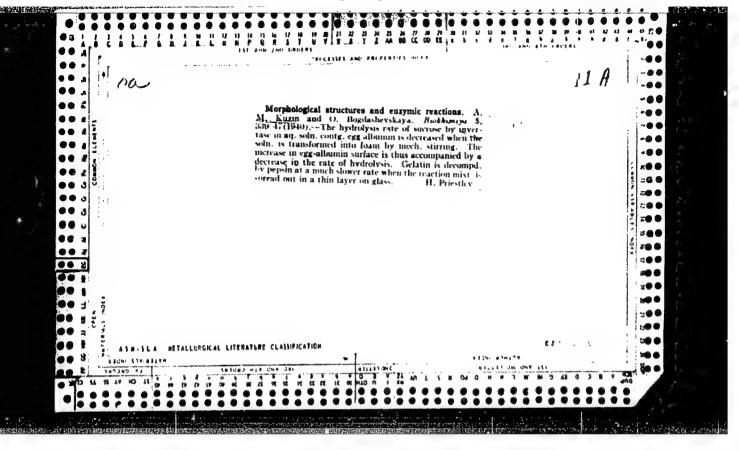


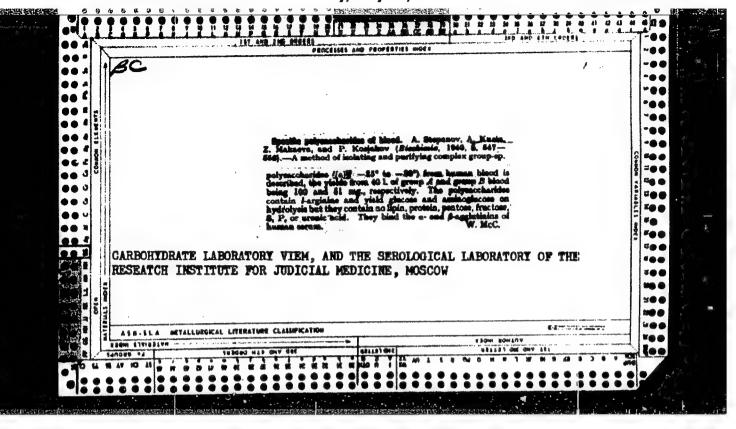


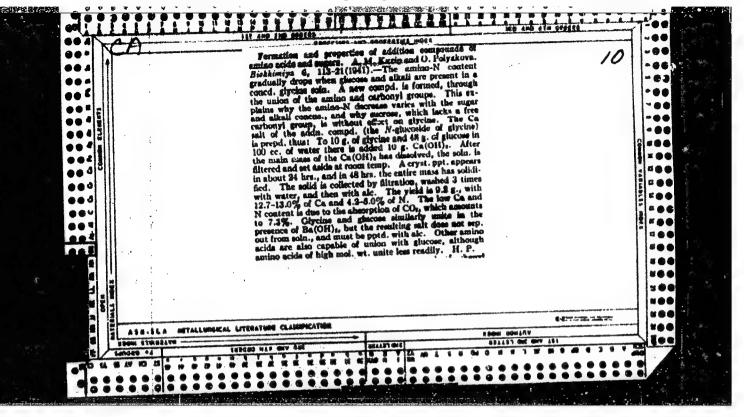


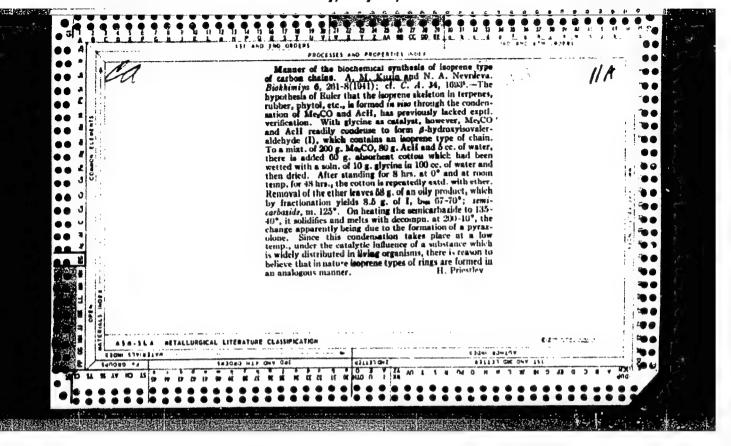


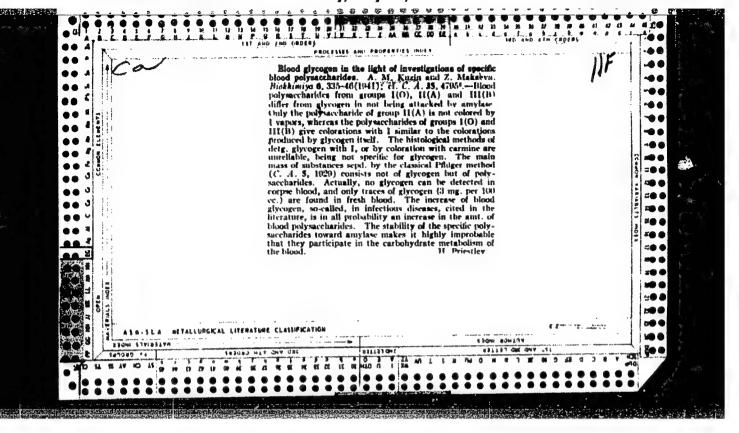


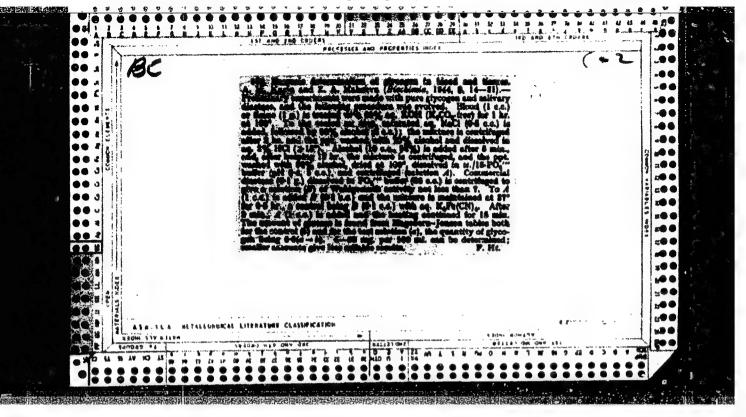


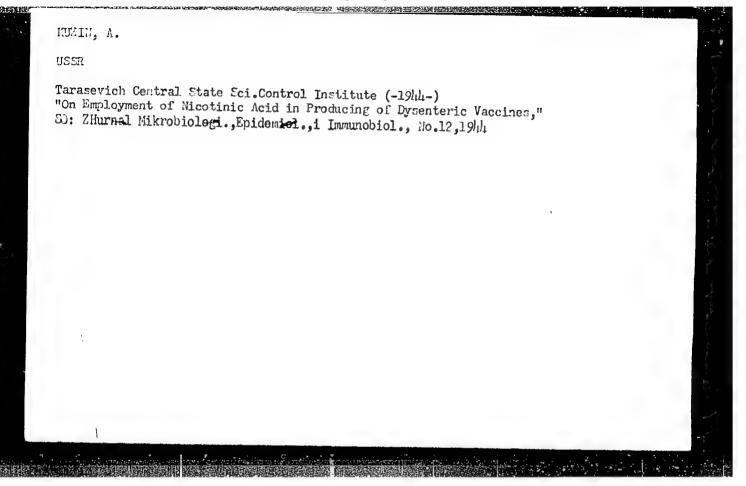


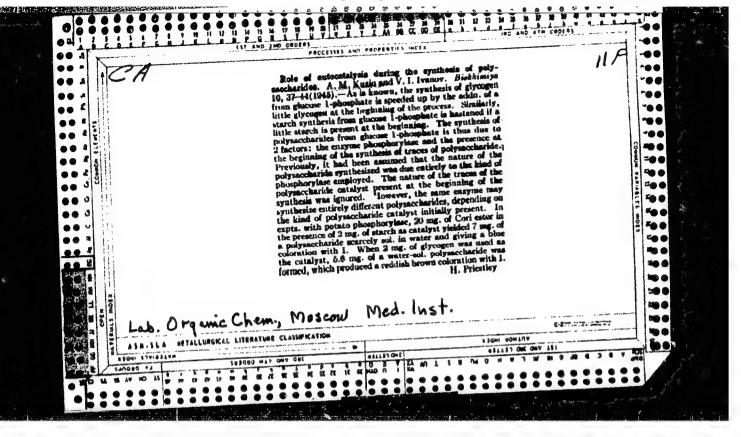


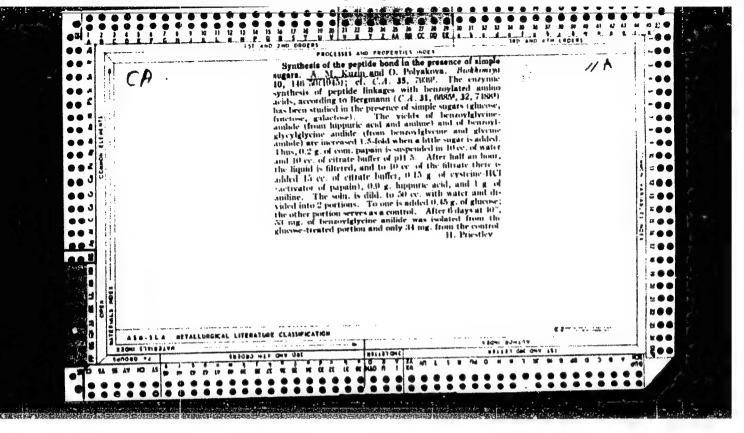


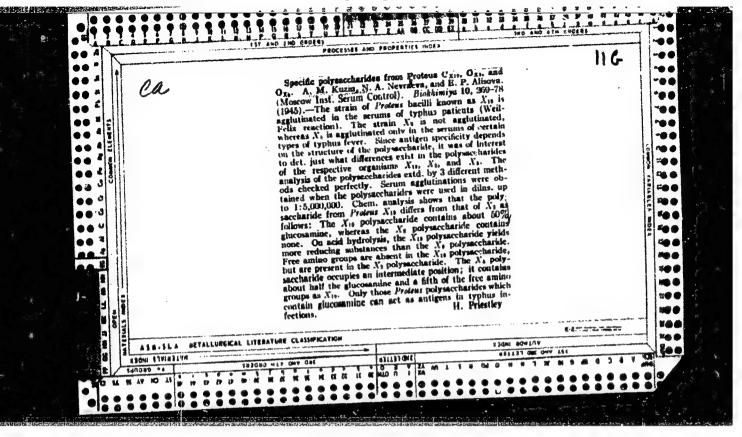


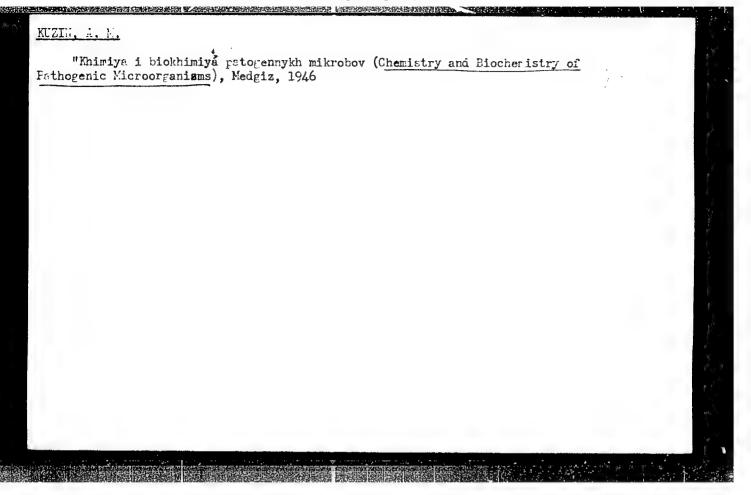


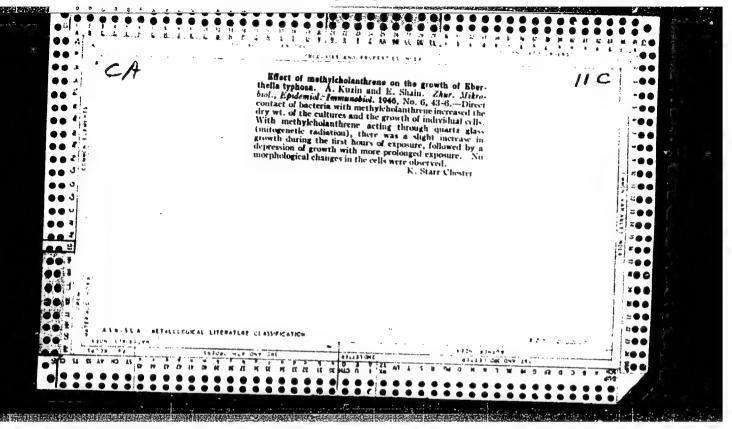


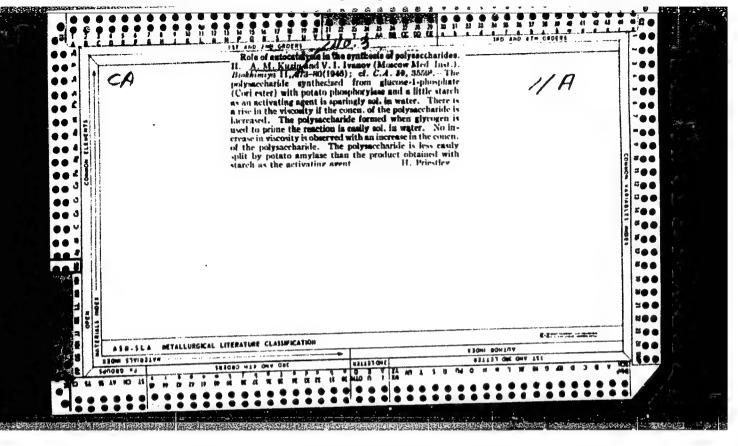


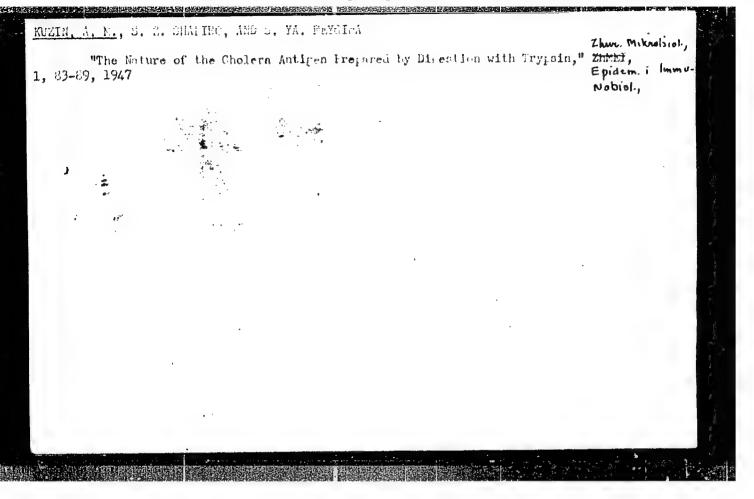












THE RESERVE OF THE PROPERTY OF Pa 36T41 KUZIN, A. M., Prof. USSR/Medicine - Antigens and Antibodies Nov 1947 Medicine - Immunity "The Chemistry of Antigens," Prof A. M. Kuzin, 42 pp "Zhur Mikrobiol, Epidemiol 1 Immunobiol" No 11 One of the basic questions of the chemistry of antigens is that of the development of effective methods of extracting pure antigens from microbe cells. This presents itself as a purely chemical problem of isolating a substance, studying its chemical structure, and establishing the connection between their properties and the structural properties of these substances. Article is largely a historical account of the work done on antigens by Russian scientists. 36T41 LC

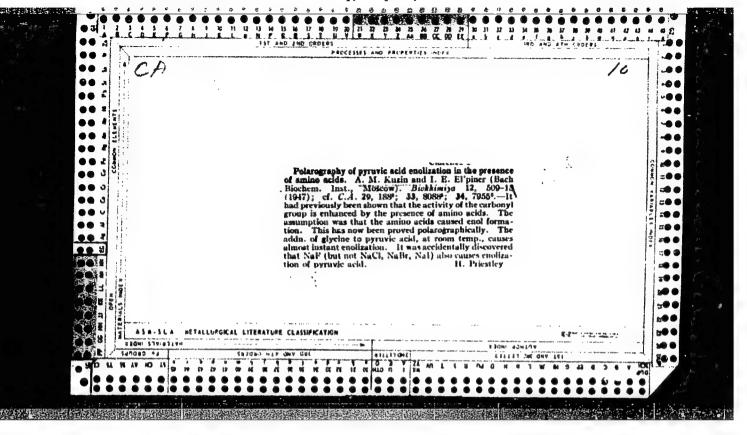
KUZIN, A.M., NEVRAYEVA, N.A.

"The Formation of Antibodies in Vitro"
SO: Biokhimiya, Vol.XII, No.1, Jan 1947
W-326; 24 Mar 46

USSR/ Medicine - Antibodies Medicine - Microbiology

Jan 1947

Experiments on antibody formation in vitro with methylene blue, polysaccharides derived from Shigella dysenteriae and paradys Flexner, full antigens derived from Shigella dysenteriae and paradys Flexner, etc., as antigens. Results largely negative.



KUZIN, A. M.

PA 21199

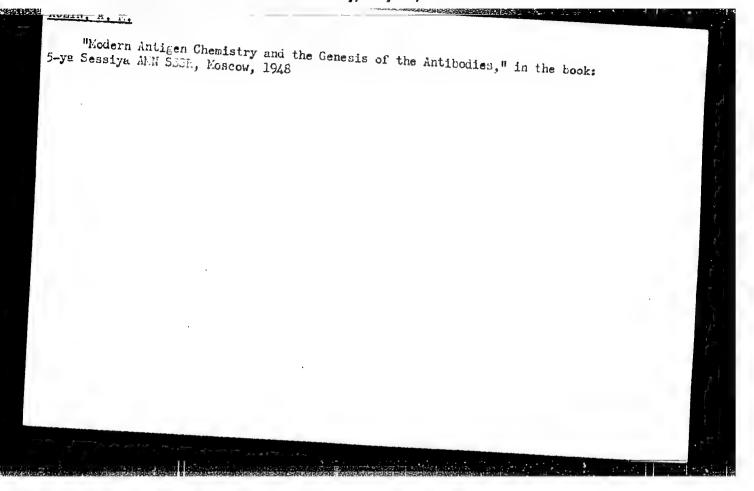
USSR/Medicine - Sectharides Medicine - Proteins

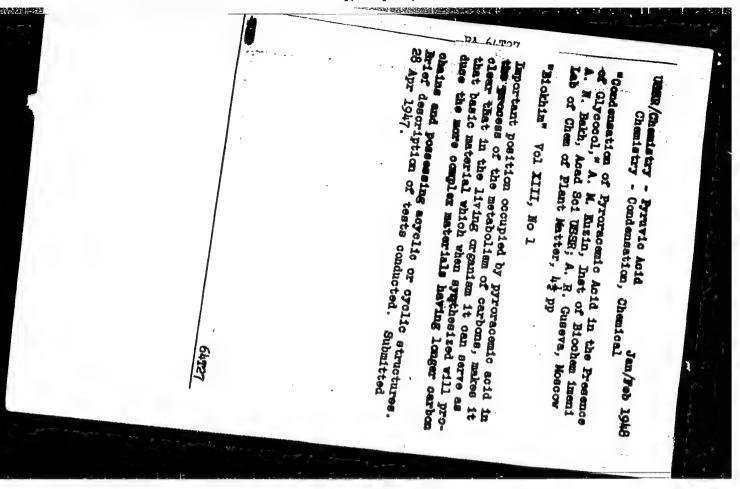
Jun/Aug 1947

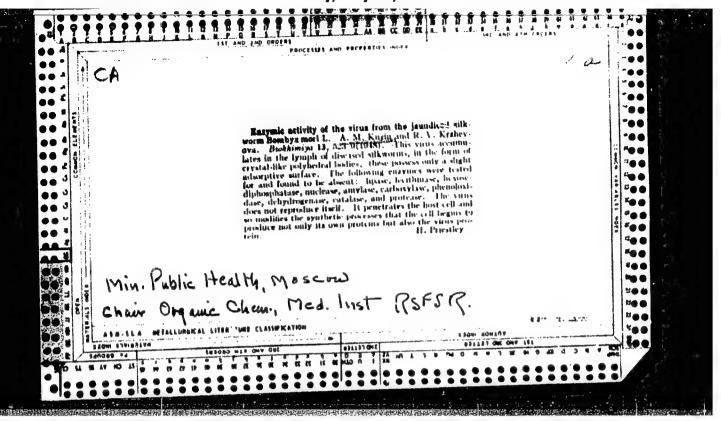
"The Specific Polysaccharide Complexes of Macroorganisms," A. M. Kuzin, I.S. Buyanovskaya, A. M. Rykaleva,
W.I. Kuzina, Laboratory of Immunology, Institute of
Biological Prophylaxy of Infections, Moscow, 10 pp

"Biokhimiya" Vol 3, No 4

Polysaccharide complexes are isolated by special methods, from tissues of guinea pigs, white mice and human tissues. Investigation shows: Polysaccharide-protein complexes amount to 0.2 - 1.0% of weight of dry tissue; they have antigenic properties; dilutions of even 2:105 can be tested by senologic reactions, for the presence of such complexes.

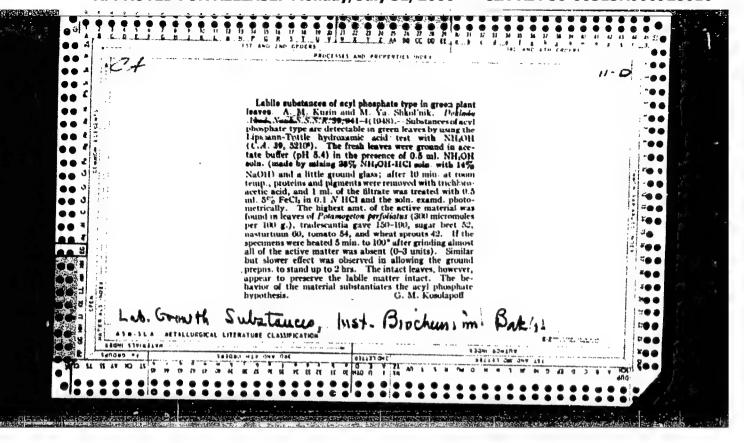


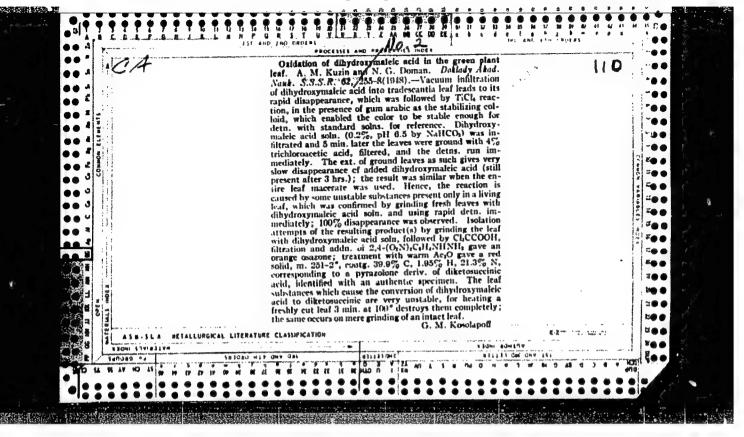


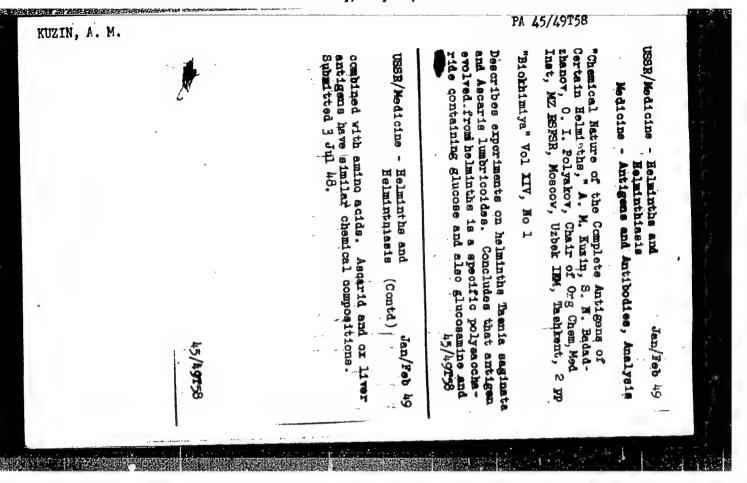


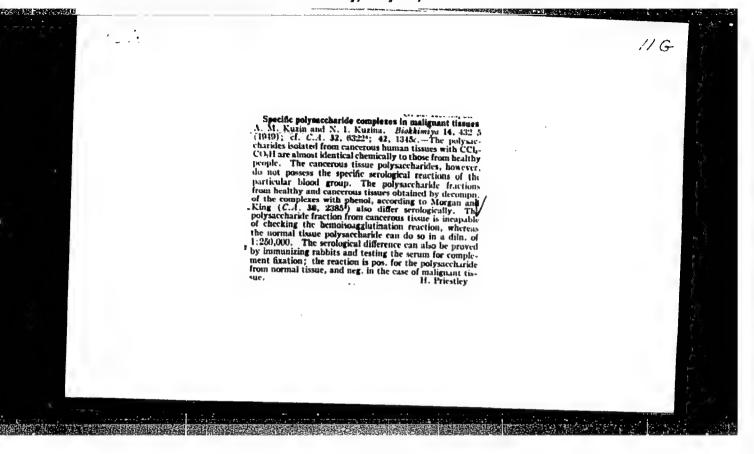
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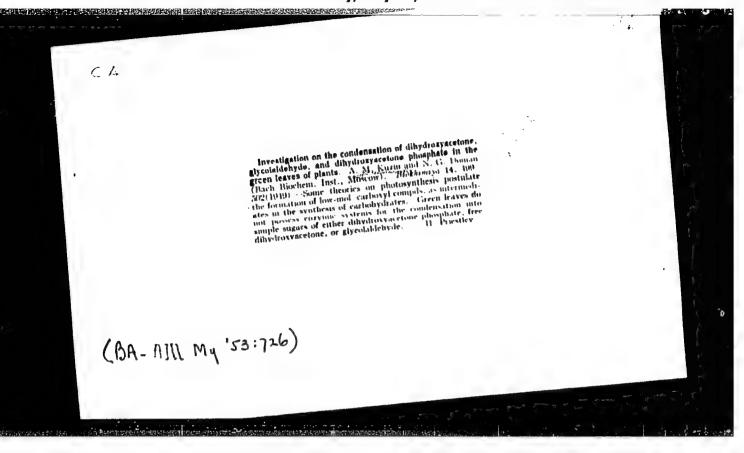
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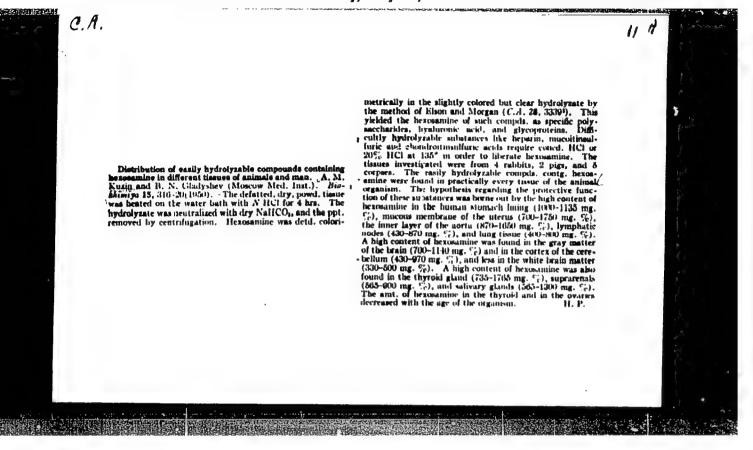
| Apr 49 Sub- A. M. mt Sub- Acad Sci These un- hydroxamic on kl/49751 pr 49 | 151 121 | * |
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| USER Medicine - Flant Physiology Apr 49 Medicine - Hydroxylamines Medicine - Hydroxylamines "The Chemical Mature of Certain Unstable Sub- stances in the Green Leaves of Plants," A. M. Knzin, R. Ya. Shkol'nik, Lab Chem of Plant Sub- stances, Inst Blochem imeni A. N. Bakh, Acad Soi USER, 4 pp 65 "DorfAk, Nauk SSSR", Yol LXY, No 4 - p. 5x1 - 3e Experimentally established that unstable peroxides are present in green leaves of plants. These un- stable peroxides set up the reaction of hydroxamic acid formation during action of hydroxylamine on acid formation during action of hydroxylamine on acid formation by Acad A. I. Operin, 2 Feb 49. | k1/k9751 | A STATE OF THE PARTY OF THE PAR |
| | The same of the same | - TI |

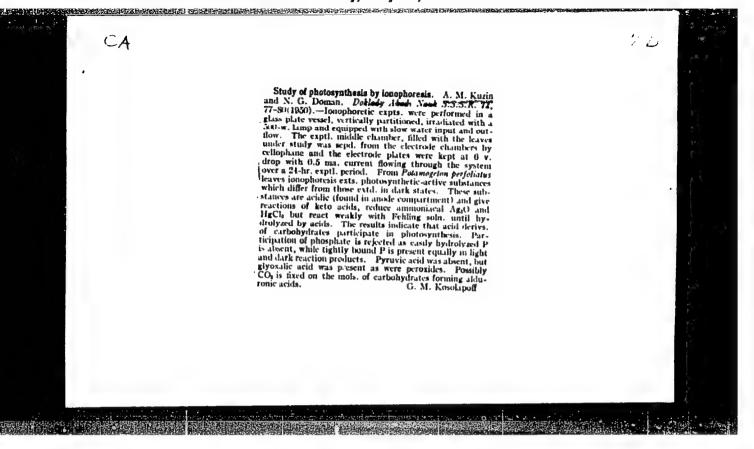
PA 37/49T84 KUZIN, A. M. Apr 49 USSR/Medicine - Plant Physiology Medicine - Photosynthesis "The Importance of Unstable Peroxides From the Green Leaves of Plants for Photosynthesis," A. M. Kuzin, R. Ya. Shkol'nik, Lav Plant Chem, Inst Biochem imeni A. N. Bakh, Acad Sci USSR, 4 pp "Dok Ak Neuk SSSR" Vol LXV, No 5 p 719 Used reaction of hydroxamic acid formation to experimentally verify A. N. Bakh's supposition that unstable peroxides participate in photosynthesis. Submitted by Acad A. I. Oparin, 2 Feb 49. 39/49184

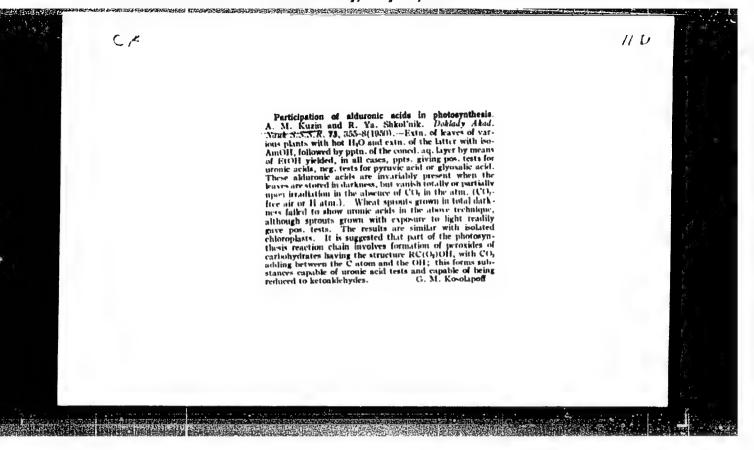
KUZIN, A. M., PROF is of importance. agents of tularemia, anthrax, whooping cough, etc., full-valued antigens from brucella, and causative type. The high stability of sp polysaccharides to enzymatic hydrolysis indicates that one of their health protection, isolation of immunologically are too mechanistic: Antibodies are synthesized L. Pauling's views on the formation of antibodies functions must be protection of the microorganism. USSR/Medicine ring in sp polysaccharides of these bacteria. Helin the organism. From the standpoint of USSR minths also contain antigens of the polysaccharide but also from 1-phosphates of other monoses occurjvilysacharides not only from dextrose-1-phosphate bacteria contain a phosphorylase which synthesizes Work at author's laboratory showed that pathogenic "Trudy 5-oy Sessii, Ak Med Nauk SSSR" pp 112-119. Conference held 23 - 27 Dec 48, in Moscow, on pro "Contemporary Chemistry of of Antibodies," Prof A. M lems of immunity and influenza. USSE/Medicine -Immunology (Contd) Immunology Kuzin Antigens and the Genesis in Moscow, on prob-Apr 50 Idy g

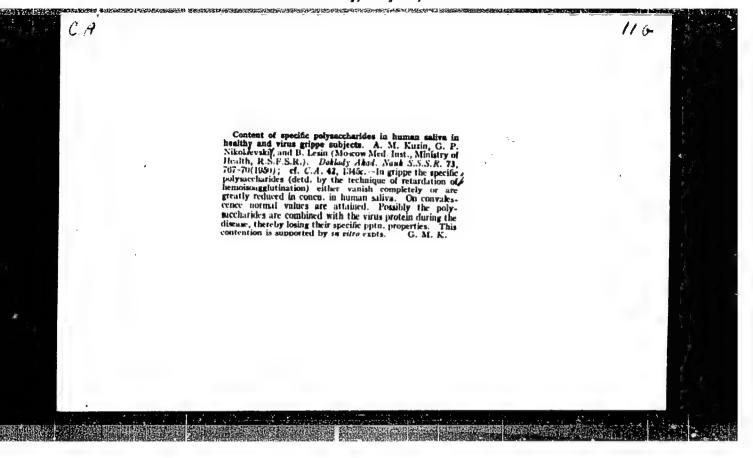
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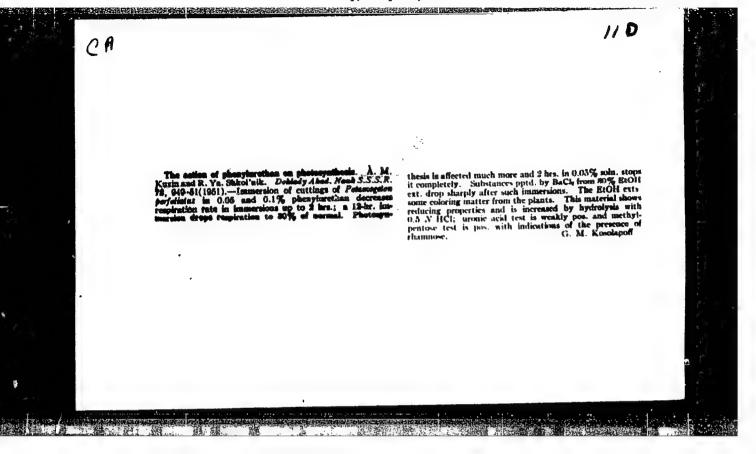


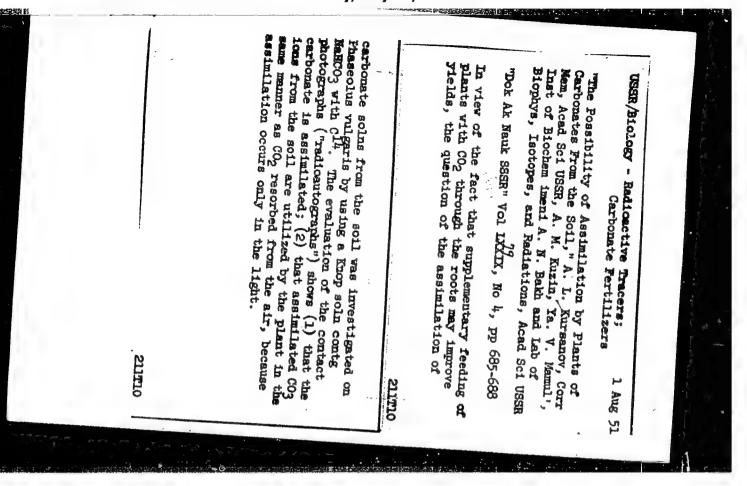
RUZIM, A. M.; LOWSHIN, V. L.

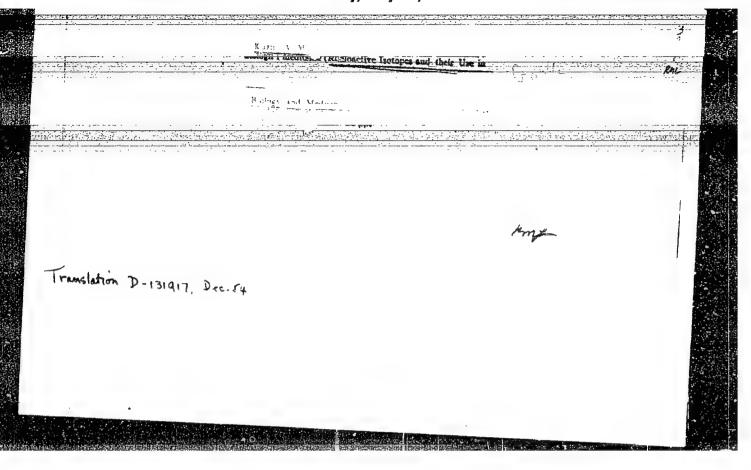
Photosynthesis

Careless work "Nourishment of plants by light (photosynthesis)." D. I. Sapozhnikov. Reviewed by A. M. Kuzin, V. L. Levshin)., Vest. AN SSSR, 21, no. 12, 1951.

Monthly List of Russian Accessions, Library of Congress, May 1952. UNCLASSIFIED.







KUZIN, A. M. Prof.

Biological Physics

Tasks and prospects for the development of Soviet biophysics. Vest. AN SSSR 22, no. 3, 1952.

Monthly List of Russian Accessions. Library of Congress, Uctober 1952. UNCLASSIFIED.

KUZIN, A.M.

USSR/Chemistry, Biological - Isotopes

1 Jul 52

"Biosynthesis of Glutamine, Hydrocarbons, and Proteins Containing Radioactive Carbon," A. M. Kuzin, V. I Merenova, Lab of Biophys, Isotopes, and Radiation, Dept of Biol Sci, Acad Sci USSR

"Dok Ak Nauk SSSR, Vol LXXXV, No 1, pp 181-183

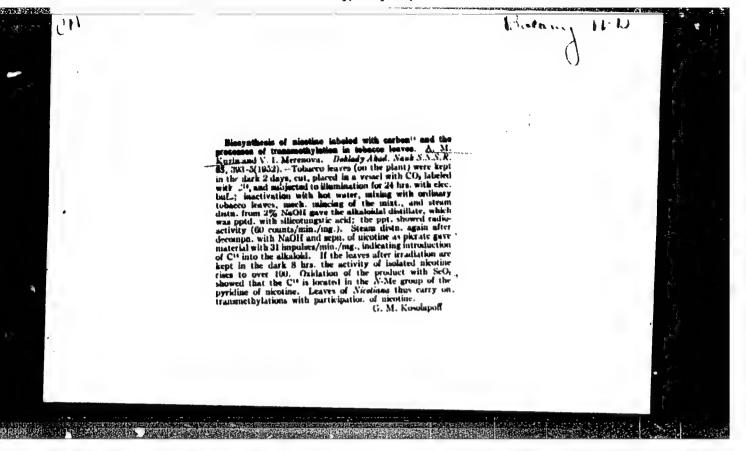
Describes procedure for prepg glutamine, glucose fructose, proteins, and pentosans contg Cl4 by the method of biol photo synthesis. Presented by Acad A. I. **Operim** 24 Apr 52.

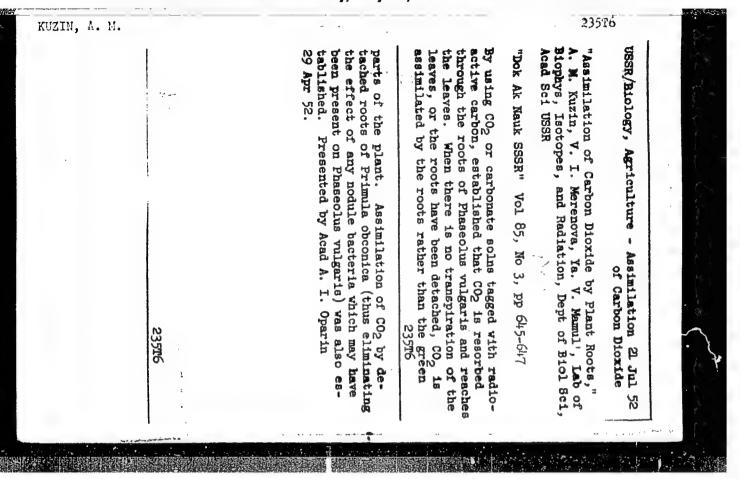
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Translation in /M.

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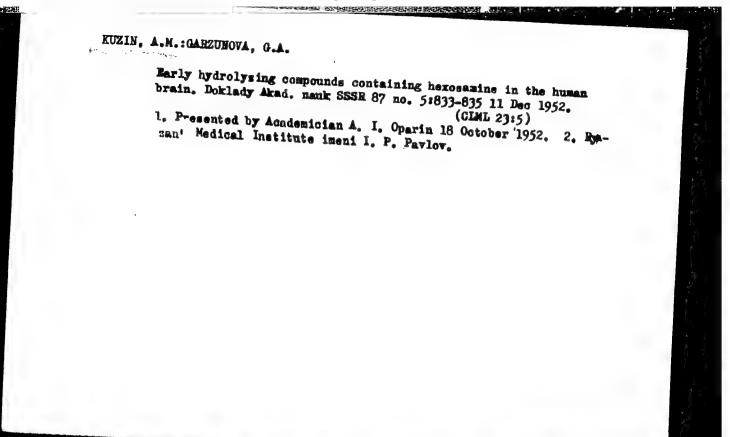


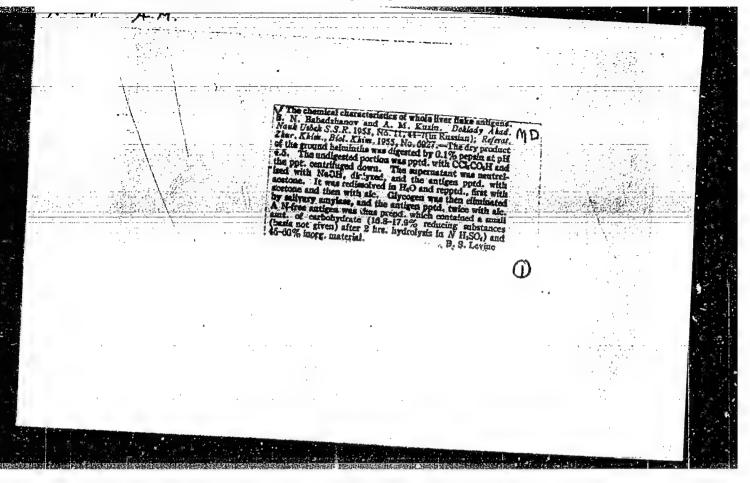
RUZIN, A. M., MAMUL', Ya. V.: KHUDYAKOVA, R. I., DOMAN, N. G.

THE PARTY

Problem of diversity of promary products of photosynthesis in different species of plants. Dokl. AN SSSR 86 no. 2, 1952.

Monthly List of Russian Accessions, Library of Congress, December, 1952.





CONTRACTOR OF THE PROPERTY OF

KUZIN, A. M.

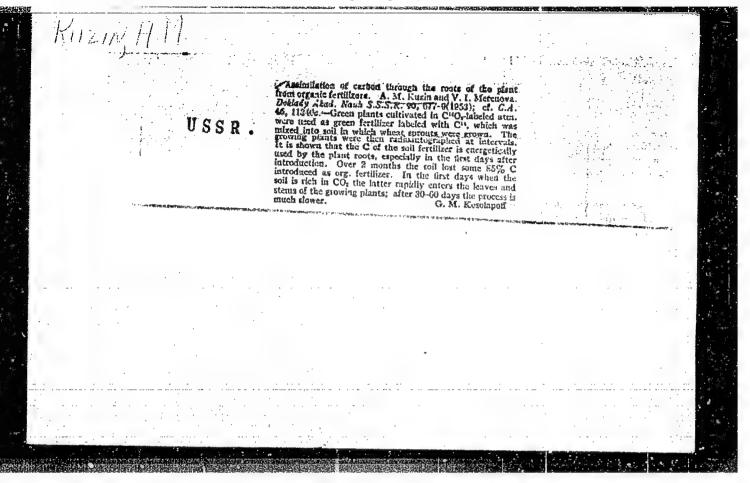
USSR/Medicine - Morphology

Nov/Dec 53

"Plenary Session of All-Union Scientific Society of Anatomists, Histologists, and Embryologists, in Leningrad, "D. A. Zhadanov and E. Sh. Gerlovin

Uap Sov Biol, Vol 36, No 3(6), pp 380-389

This session was held 23-27 Jun 53 in Leningrad to discuss the role of morphology in the USSR, new methods and techniques of morphological research, and plans for making anatomical and his tological work in higher institutes of learning serve a more practical purpose. The key speech was made by A. N. Studitskiy and "The Tasks of Soviet Morphology." He only mentioned the existence of tasks and then launched into a theoretical discussion of the Soviet concept of morphology. This speech was discussed, then other reports were read, among them "Electron Microscopy in Cytohistological Research" by Prof. G.M. Frank (Moscow), and a report on Radioautography by A.M. Kuzin (Moscow). The article does not disclose any new organizational plans.



KUZIN, A. M.

11 Aug 53

USSR/ Biology - Radiation Effects Isotopes.

"The Problem of the Mechanism of the Action of Penetrating Radiation on the Synthesis of Nucleoproteids in the Spleen," A.M.Kuzin, Ye.V.Budilova, Inst of Biol Physics, Acad Sci USSR

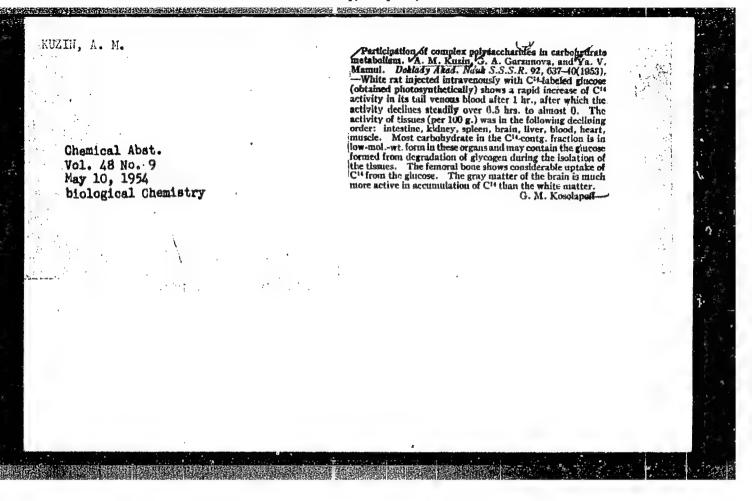
DAN SSSR, Vol 91, No 5, pp 1183-1186.

Max inclusion of P32 into the protein fraction of the rat spleen and max suppression of this inclusion by irradiation immediately preceding injection of P32 phosphate occurred 19-20 hrs after the injection. Irradiation of the head of rats with X-rays (1000 r) had little effect on the inclusion of P32 into spleen nucleoproteids. Suppression of P32 inclusion by 60-65% occurred when the spleen was irradiated directly with X-rays (1000 r), but the rest of the body shielded with lead. Suppression by 20% occurred when the spleen was shielded with lead, but the rest of the body irradiated. Presented by Acad A.I. Oparin 18 Jul 53.

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"APPROVED FOR RELEASE: Monday, July 31, 2000

CIA-RDP86-00513R000928010



KUZIN, A.N.

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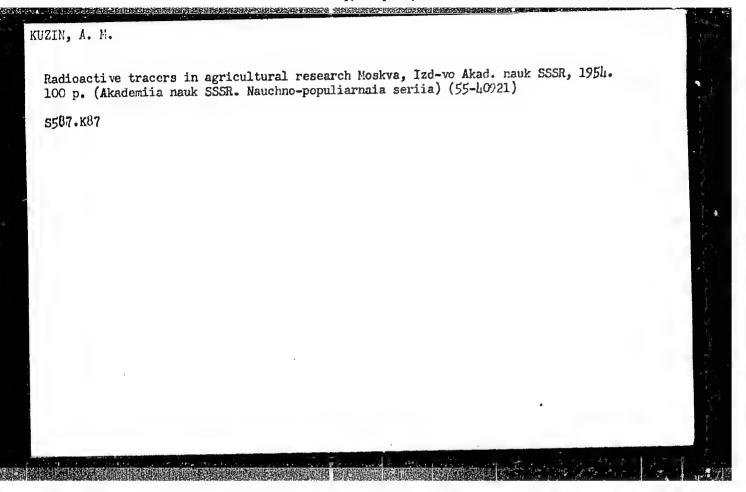
Name

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Modilated by

Kursanov, A.L. Kuzin, A.M. Kryukova, W.M. Merenova, V.I. "Plant Utilization of Soil Carbon Dioxide Entering Through the Roots" Institute of Biochemistry imeni A.W. Bakh, Academy of Sciences USSR

William Bridge To Bush and

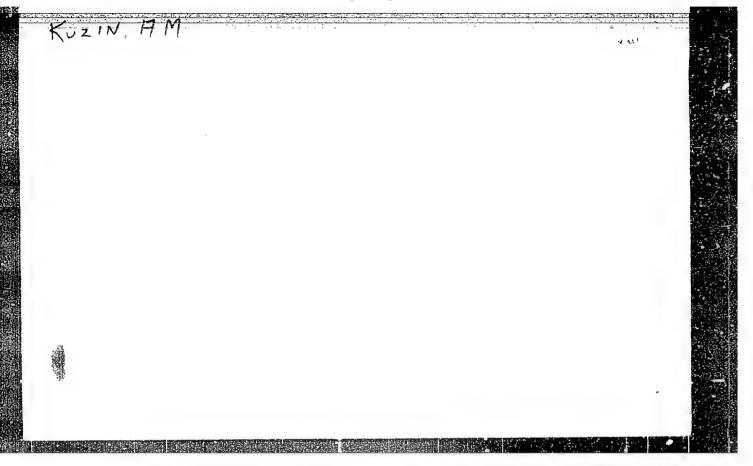


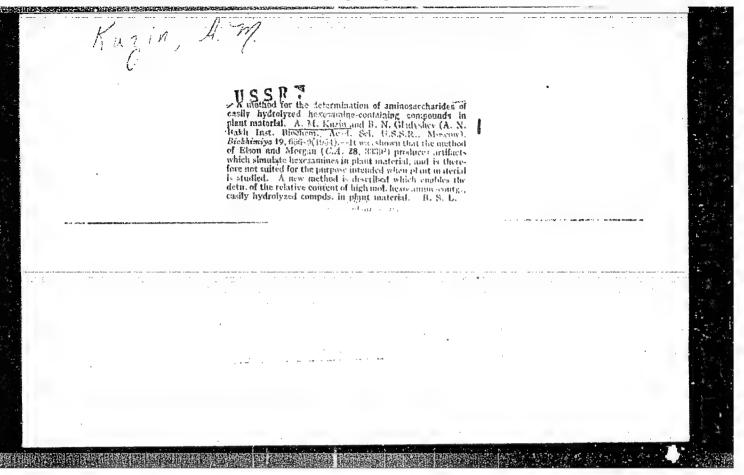
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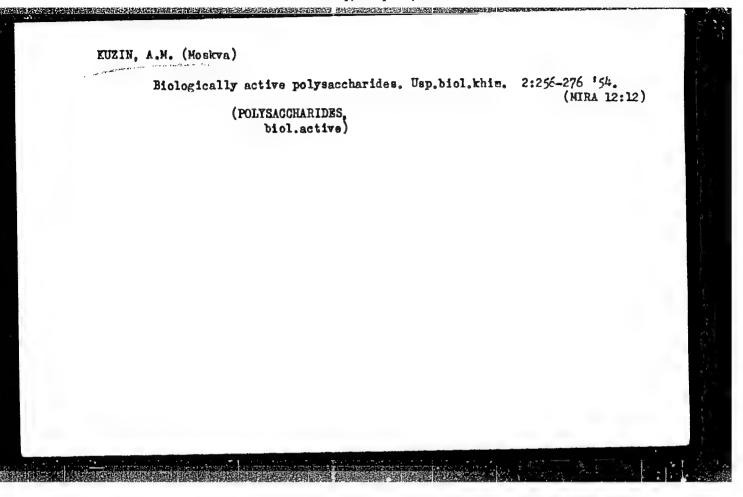
863. KUZIN A. M. and DAVIDOVA S. Ya. Inst. of exp. Path. and Therap. of Tumours, Acad. of med. Sci., Moscow The metabolism of nucleic acid and its nitrogen bases in rabbits subject to neoplastic growth (Russian text) Biokhimija 1954, 19/2 (184–188)

Tables 3

The investigations were made on male rabbits with Brown—Pearce tumours, divided into: (1) controls, (2) testis-inoculated positive animals and (3) animals immune after 3-fold inoculation. Assays of the nucleic acids (RNA and DNA) and the nitrogen bases (adenine, guanine and thymine) in the liver, lung, kidney, spleen and testis are presented in 3 tables. The nucleic acids in the organs were low in both the positive inoculated and in the immune animals, as compared with the controls. This shows that the same changes occur in the organs when the tumour does not 'take' as when a growing tumour is present. No notable changes in the adenine and guanine content of the organs were observed with growing tumours, but the thymine level of DNA, particularly, in the liver, was higher in tumour rabbits.

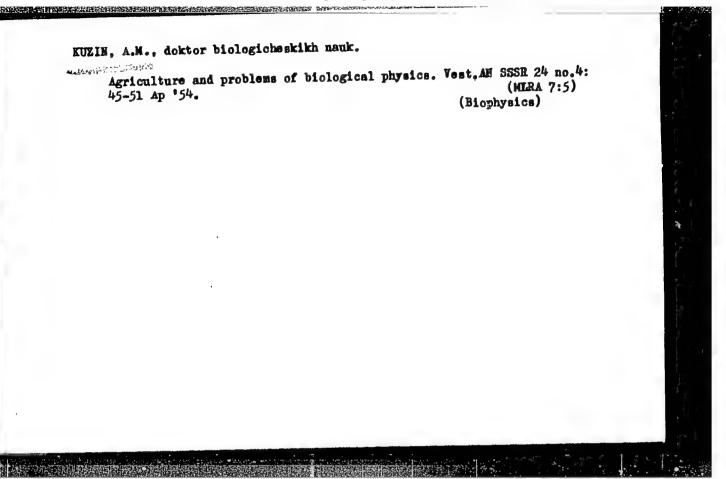


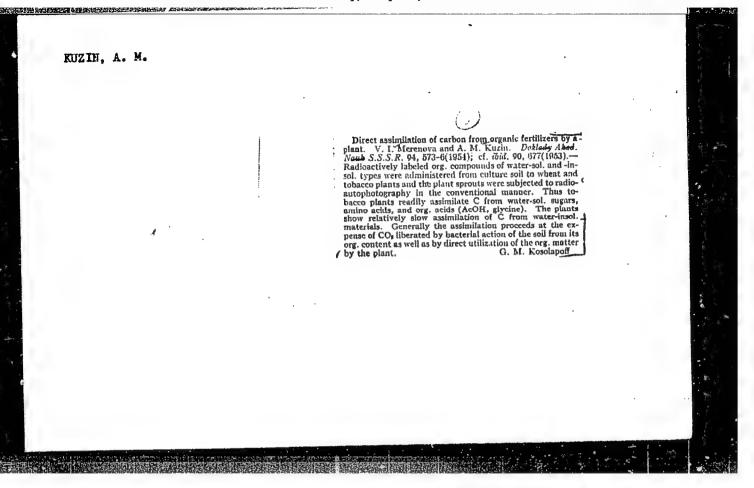




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CIA-RDP86-00513R000928010





KUZIN, A.M.

USSR/Medicine - Physiology

Card 1/1

: Pub. 22 - 20/44

Authors

Kuzin, A. M.; and Budilova, E. V.

Title

And the second s : Effect of ionizing radiation on the structural viscosity of mucleis acid of the brain and a spleen

Periodical: Dokk AN SSSN 98/6, 961-964, October 21, 1954

Abstract

Experiments, which were intended to determine how ionizing radiation effects the change in the structural viscosity of nucleic acid taken from the brain and spleen of live animals, are described. Four refer-

ences; 1 U.S.S.R. (19/ =1953). Craphs.

Institution: Institute of Biological Physics of the Acad. of Scs. of the USSR.

Presented by: Academician L. S. Shtern, June 7, 1954.

Translation M-479, 31 May II

KUZIN, A.M.

USSR/Chemistry - Biochemistry

Card 1/1 Pub. 22 - 22/40

Authors : Kuzi

Kuzin, A.M., and Eydus, L. KH.

Title

: Deuteration of acetone in the presence of amino acids

Periodical

: Dok. AN SSSR 99/3, 421-422, Nov 21, 1954

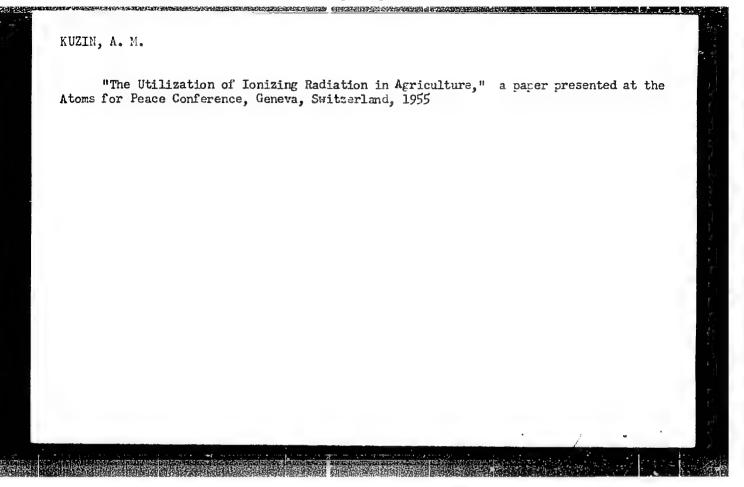
Abstract

The rate of penetration of deuterium into the acetone molecule and the effect of amino acid - glycocoll - on the process of acetone deuteration, were investigated. The rate of acetone deuteration in the absence of glycocoll was found to be low, and less than 1% of the total number of hydrogen atoms in the acetone underwent a change. The accelerating effect of glycocoll was proven. The formation of an enol form in the acetone under the effect of glycocoll was established. Seven references: 5-USSR and

2-German (1934-1951). Table; graph.

Institution : Academy of Sciences USSR, Institute of Biophysics

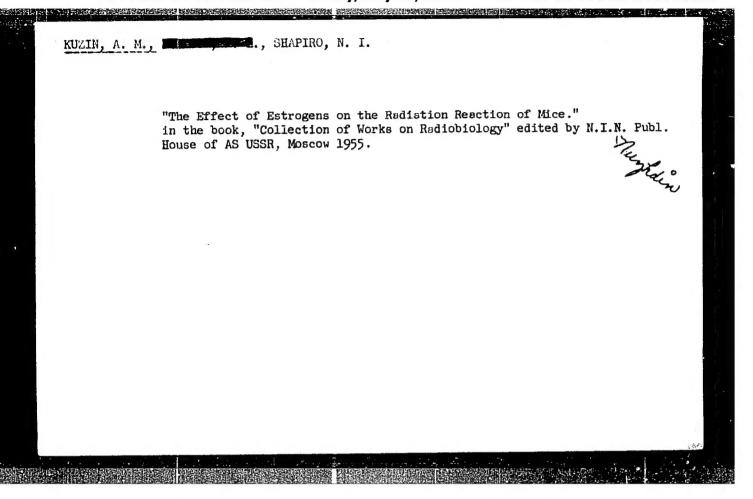
Presented by : Academician A.I. Oparin, September 11, 1954



"APPROVED FOR RELEASE: Monday, July 31, 2000

CIA-RDP86-00513R000928010

| KUZIN, A. | М., | ., and SHAPIRO, N. | I. | Jan J | |
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USSN/General Biology. Fhysical and Chemical Biology.

E-1

Abs Jour: Ref Zhur-Biol., No 20, 1953, 90270.

Author : Ruzin, A.M.

Inst Title

: Tasks of Biophysics in Agriculture (Preface)

Orig Pub: V sb.: Tr. nauchroy sessii, posvyashchemov destizhemiyan

i zadachan sov. biofiziki v s. kh. M., lzd-vo MI SSSR,

1955, 3-7.

Abstract: No abstract.

: 1/1 Card

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